



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:**

Salman Akram

**Serial No.:** 09/388,031

**Filed:** September 1, 1999

**For:** METALLIZATION STRUCTURES  
FOR SEMICONDUCTOR DEVICE  
INTERCONNECTS, METHODS FOR  
MAKING SAME, AND  
SEMICONDUCTOR DEVICES  
INCLUDING SAME

**Confirmation No.:** 3303

**Examiner:** E. Lee

**Group Art Unit:** 2815

**Attorney Docket No.:** 2269-3442.2US  
(96-0428.00/US)

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

February 20, 2004  
Date

Signature

Leah J. Barrow  
Name (Type/Print)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).



Serial No. 09/388,031

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 6,066,560	05/23/2000	Yakura
US - 6,140,235	10/31/2000	Yao et al.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application, and therefore no fee is due.

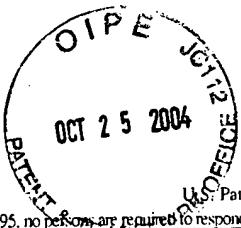
Respectfully submitted,

  
Krista Weber Powell  
Registration No. 47,867  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: February 20, 2004

KWP/ps:ljb

Enclosures: Form PTO/SB/08  
Copy of documents cited



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use in designating marks filed with the U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheets

of ]

Attorney Docket Number

*Complete if Known*

Application Number	09/388,031
Filing Date	September 1, 1999
First Named Inventor	Salman Akram
Group Art Unit	2815
Examiner Name	E. Lee

Attorney Docket Number

2269-3442.2US (96-0428.00/US)

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

THE PATENT & TRADEMARK OFFICE MAILROOM DATE  
STAMPED HEREON IS AN ACKNOWLEDGEMENT THAT ON THIS  
DATE THE PATENT & TRADEMARK OFFICE RECEIVED:

Supplemental Information Disclosure Statement (2 pages); and Form  
PTO/SB/08 (1 page), with copy of cited references (2 documents)

Invention: METALLIZATION STRUCTURES FOR  
SEMICONDUCTOR DEVICE INTERCONNECTS,  
METHODS FOR MAKING SAME, AND  
SEMICONDUCTOR DEVICES INCLUDING SAME

Applicant(s): Salman Akram

Filing Date: September 1, 1999

Serial No.: 09/388,031

Date Sent: February 20, 2004 via first class mail

Docket No.: 2269-3442.2US

KWP/ps:ljb

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Salman Akram

Serial No.: 09/388,031

Filed: September 1, 1999

For: METALLIZATION STRUCTURES  
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Confirmation No.: 3303

Examiner: E. Lee

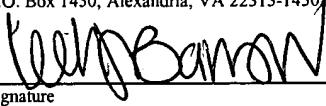
Group Art Unit: 2815

Attorney Docket No.: 2269-3442.2US  
(96-0428.00/US)

CERTIFICATE OF MAILING

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October 20, 2004  
Date

  
Signature

Leah J. Barrow  
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the document listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. A copy of the listed document is enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

Other Documents

Definition of “extent”, Merriam-Webster online Dictionary, 10<sup>th</sup> edition, [www.m-w.com](http://www.m-w.com)

Applicant offers to supply any explanation or discussion of the document which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the final Office Action under 37 C.F.R. § 1.113, but before payment of the issue fee.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement. Pursuant to 37 C.F.R. § 1.97(d)(ii), applicant hereby requests consideration of the accompanying Supplemental Information Disclosure Statement. The fee pursuant to 37 C.F.R. §1.17(p) for consideration of this Supplemental Information Disclosure Statement is enclosed.

Respectfully submitted,



Krista Weber Powell  
Registration No. 47,867  
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P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: October 20, 2004

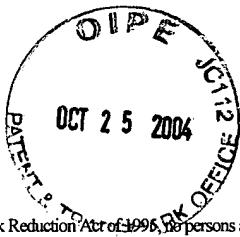
KWP/djp:ljb

Enclosures: Form PTO-1449 or PTO/SB/08

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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	09/388,031
(use as many sheets as necessary)		Filing Date	September 1, 1999
		First Named Inventor	Salman Akram
		Group Art Unit	2815
		Examiner Name	E. Lee
Sheet	1	of	1
		Attorney Docket Number	2269-3442.21JS (96-0428.00/JS)

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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